SPORT WATCH

Beyond

user manual

1.0 Introduction

Thank you for purchasing this mountain climbing watch. The main functions of this watch are as follows:

- Time display, alarm clock, stopwatch, countdown, speed meter, remote time
- Pedometer, calorie calculation, mileage calculation
- A weather forecast, thermometer, altimeter, barometer, compass

Detailed list of functions, accuracy and range of measurement are available on the back cover page

In order to give full play to the performance of this table, please follow the following advice:

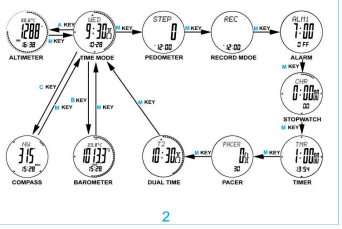
- Please read the instructions carefully and keep them in good order;
- Avoid using this form in extreme conditions, such as water over 10 degrees, safe water pressure, extremely low and extremely high temperatures;
- Do not disassemble this watch by any non - professional maintenance organization;
- For cleaning, use clean soft cloth. Do not use organic solvents;
- Keep away from magnets and magnetic objects;
- When not in use for a long time, please keep it in a dry environment;

2.0 Key introduction

Each key name and main function

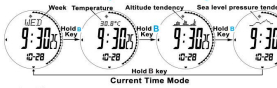
3.0 Function

The various functional interface diagrams and switching methods are as follows



4.0 Time mode - function display

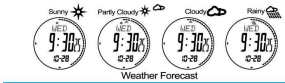
Functional interface diagrams and switching methods



Important tip:
if you want to get the right ambient temperature, take off your watch from 20 to 30 minutes before reading it to remove the effect of body temperature.

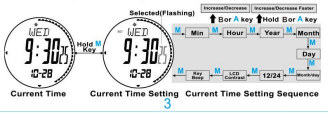
4.1 Weather forecast

Watches are calculated by pressure changes to produce the corresponding weather forecasts (for reference only), and this function is only in time modeAnd offsite time mode display.



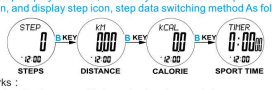
4.2 Sets the current time

In the time mode, hold M key to enter the setting time interface (after the setting is complete, press the M key to save or not operate for 1 minutes)Automatically save and quit) as follows:



5.0 Pedometer mode

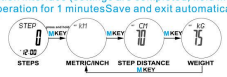
In the step display interface, hold A key to turn on / off step function, and display step icon, step data switching method As follows:



Remarks :
1, step function to open, will show step-by-step symbol;
2, only in the step display screen long, press the A key 2S to open / close the step function.
3, long press A button, 3 seconds can be cleared step data

5.1 Pedometer setting mode

In step mode, hold M key to enter the settings user information interface (settings are completed, hold M key to save, or no operation for 1 minutesSave and exit automatically）

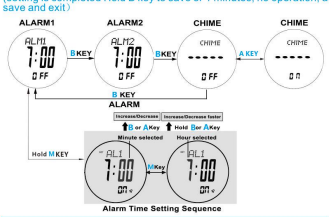


6.0 Pedometer Storage Mode

The watch can store 7 day history step information (7 days before the data is automatically cleared), The method of inquiry is as follows: (long press the L keyClear historical data）

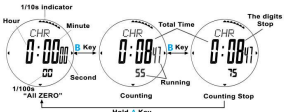
7.0 Alarm mode - and Hourly Chime

Alarm clock and setting method: watch, two alarm clock running independently,Press A key to open the alarm clock, it will prompt "" sign, alarm clock ring. Press any key to end or wait for 30 seconds to turn off automatically. Hold B key to set the alarm clock time. (setting is completed Hold B key to save or 1 minutes, no operation, auto save and exit）



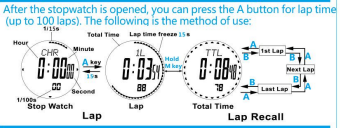
8.0 Stopwatch mode - start / stop stopwatch

In the stopwatch mode, hold B key to open / pause the stopwatch, and the stopwatch stops. The A button is long pressed and the stopwatch will be cleared.



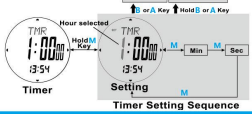
8.1 Stopwatch mode - circle timer and query circle timer

After the stopwatch is opened, you can press the A button for lap time (up to 100 laps). The following is the method of use:



9.0 Countdown mode - Custom start time

Watches from the start time countdown to 0; the starting time can be preset by the system Quick setting or user customization: (settings are complete, Hold M key to save or 1 minutes, no operation, auto save and exit)



9.1 Countdown mode - Countdown usage

Press B key to start the countdown. At the end of the timer, the hand pointer prompts the stereo for 30 seconds, and stops by any key on the way:

Note: during the countdown, please do not turn on the light (pause 5 minutes, no operation, auto return time mode)

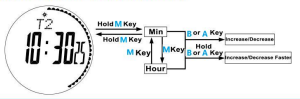
10.0 Pacer Mode-Pacer Usage

Pacer mode, Press B key to start / stop temporarily suspended speed, hold L key records will be cleared, hold B key can set the frequency:

Note: speed meter up to 8 hours after opening, will automatically turn off speed meter function to save electricity.

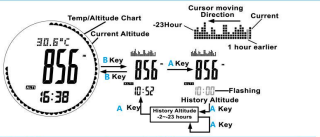
11.0 Daul time mode -Daul time setting

In Daul time mode, hold M key to enter the settings remote time interface (after the setting is complete, hold M key to save for 1 minutes or notSave and exit automatically



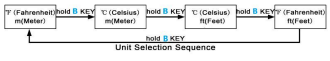
12.0 Altimeter model - temperature and height history curve

The watch automatically records the current height at each point and automatically generates a height history curve, If you want to view the past 23 hoursIn the high history, press the A key to move the cursor to the left, and the corresponding height and recording time (flashing) will be displayed on the screen;

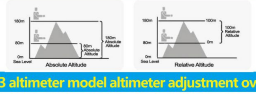


12.1 altimeter mode - switching measurement units

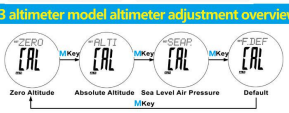
In height mode, the B key is pressed to switch on the height and temperature units



12.2 altimeter mode - absolute and relative altitude



12.3 altimeter model altimeter adjustment overview



Why does altimeter need to be adjusted?

Height is measured by atmosphericpressure, but the pressure varies constantly;

In order to obtain more accurate results, please make proper adjustments before measuring;

4 adjustment methods of an altimeter

Zero height: artificially adjusting a height to zero to measure relative height. If this adjustment is made, display" "

Sign;

Absolute height: the height of the adjustment is the known height;

Sea level pressure: enter the known sea level pressure;

Factory settings: restore the factory settings of the watch, that is, the sea level pressure is 1013.2mb;

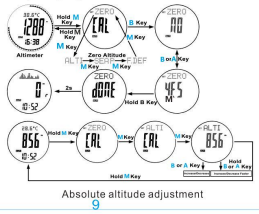
Note: watches contain sea level, air pressure, intelligence correction function, that is, at a certain height unchanged,

The sea level pressure will be automatically corrected.

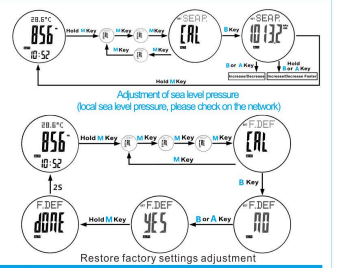
The 4 adjustment of the altimeter runs independently.

The 1 option is selected, and the other 3 settings are invalid before the method is set As follows:

Adjustment of sea level pressure (local sea level pressure, please check on t henetwork)Restore factory settings adjustment

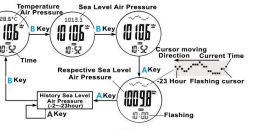


Absolute altitude adjustment


Adjustment of sea level pressure
(local sea level pressure, please check on the network)
Restore factory settings adjustment

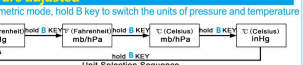
13.0 Temperature and pressure history curve

The watch automatically records the current pressure at each point, and automatically generates a pressure history curve. If you want to view the past 23 hoursThe pressure history, press A key to move the cursor to the left, the corresponding pressure and recording time (flashing) will be displayed on the screen



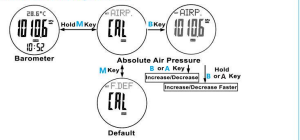
13.1 switching measurement units and barometers are adjusted

In barometric mode, hold B key to switch the units of pressure and temperature



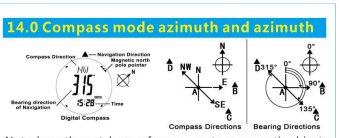
13.2 two adjustment methods of air pressure gauge

Absolute barometric adjustment:



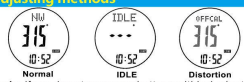
Restore factory settings adjustment:

14.0 Compass mode azimuth and azimuth



Note; keep the watch away from magnets or magnetic objects, and keep an eye on the difference between the geomagnetic north pole and the geographical North Pole, and the azimuth Refers to the object and the north direction (clockwise) angle

14.1 compass mode - three indicating states and adjusting methods



Free mode: if you do not press any buttons within 1 minutes, the watch automatically enters the free (IDLE) mode. At this point, press any key to activate the compass

Distortion mode: if the distortion state is detected, the screen will display the flashing "OFFCAL" flag. In case of This status, please recalibrate the compass. See the following

14.2 Compass mode - reverse azimuth

Anti azimuth: The inverse azimuth is opposite to azimuth (180 degrees); Compass mode, press the C button to switch the position angle and azimuth angle; Such as the choice of the angle of the screen shows "signs";

14.3Compass mode- magnetic compass

What is the declination

Figure, the geomagnetic north and true Arctic differences between the two is called the declination angle;

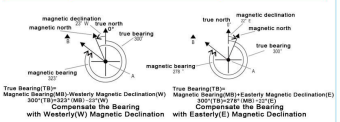
The declination of the sign and magnitude depending on your location on the earth;

See the following calibration method of magnetic declination;

Declination information

Most of the map will be marked with the declinationof information professional;

14.4 compass declination compensation mode



Declination compensation example

Magnetic declination compensation should pay attention to compensation, namely the west by east;

Example 1 : West declination is 23 degrees, the object B azimuth angle is 323 degrees (magnetic);

TB=MB-W MB=323 - W=23 degrees

- TB=323 ~ -23 ~ =300 ~
- so the real azimuth angle is 300 degrees;

Example 2 : East declination is 22 degrees, the object B azimuth angle is 278 degrees (magnetic);

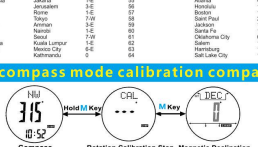
TB=MB+E MB=278 - E=22 degrees

- TB=278 ~ +22 ~ =300 ~
- so the real azimuth angle is 300 degrees;

14.5 of the world's major city - compass declination information

1	Afghanistan	Kabul	3-E	31	Netherlands	Amsterdam	1-W
2	Australia	Canberra	12-E	32	New Zealand	Wellington	22-E
3	Austria	Vienna	2-E	33	Norway	Oslo	0
4	Bahrain	Manama	2-E	34	Pakistan	Islamabad	2-E
5	Bangladesh	Dhaka	0	35	Philippines	Manila	1-W
6	Belgium	Brussels	1-W	36	Portugal	Lisbon	5-W
7	Brazil	Brasilia	19-W	37	Russia	Moscow	9-E
8	Canada	Ottawa	14-W	38	Singapore	Singapore	0
9	Chad	N'Djamena	1-E	39	South Africa	Pretoria	23-W
10	China	Beijing	6-W	40	Spain	Madrid	3-W
11	China	Hong Kong	2-W	41	Sweden	Stockholm	3-E
12	Costa Rica	San Jose	0	42	Switzerland	Bern	0
13	Cuba	Havana	3-W	43	Taiwan	Tai-pei	3-W
14	Czech Republic	Prague	2-E	44	Thailand	Bangkok	0
15	Denmark	Copenhagen	1-E	45	UAE	Abu Dhabi	1-E
16	Egypt	Cairo	2-E	46	United Kingdom	London	1-W
17	Finland	Helsinki	8-E	47	United States	Washington, DC	10-W
18	France	Paris	1-W	48		Atlanta	25-E
19	Germany	Berlin	1-E	49		Phoenix	12-E
20	Germany	Athens	3-E	50		Little Rock	2-E
21	Hungary	Budapest	4-E	51		Sacramento	16-E
22	India	New Delhi	1-E	52		Denver	10-E
23	Indonesia	Jakarta	1-E	53		Atlanta	4-W
24	Israel	Jerusalem	3-E	54		Honolulu	10-E
25	Italy	Rome	1-E	55		Boise	14-E
26	Japan	Tokyo	7-W	56		Saint Paul	2-E
27	Jordan	Amman	3-E	57		Jackson	1-E
28	Kenya	Nairobi	1-E	58		Santa Fe	10-E
29	Korea	Seoul	7-W	59		Oklahoma City	6-E
30	Malaysia	Kuala Lumpur	1-E	60		Salem	19-E
31	Mexico	Mexico City	6-E	61		Harrisburg	11-W
32	Nepal	Kathmandu	0	62		Salt Lake City	14-E
				63			
				64			

14.6 compass mode calibration compass



When do you need to calibrate the compass?

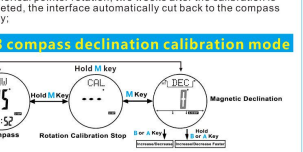
The compass shall be calibrated in accordance with the following circumstances:

- for the first time;
- replace the battery;
- distortion state;
- transform located, declination is different from the previous settings;

How to calibrate the changing compass

The compass contains 2 calibration models: calibration and calibration of rotating magnetic declination;

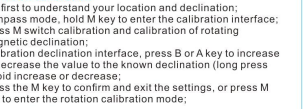
14.7 compass mode - rotation calibration



Rotation calibration

1. compass mode, hold M key to enter the calibration interface;
2. press M switch calibration and calibration of rotating magnetic declination;
3. rotating calibration interface, press B key to start rotation calibration (numerical compass start rotation), at this time, Rotate the watch horizontally in the same direction;
4. numerical pointer rotation, two weeks after the calibration is completed, the interface automatically cut back to the compass display;

14.8 compass declination calibration mode



Declination calibration

1. the first to understand your location and declination;
2. compass mode, hold M key to enter the calibration interface;
3. press M switch calibration and calibration of rotating magnetic declination;
4. calibration declination interface, press B or A key to increase or decrease the value to the known declination (long press Rapid increase or decrease;
5. press the M key to confirm and exit the settings, or press M key to enter the rotation calibration mode;

15.0 Attached pages - main functions and main parameters

Current time pattern
Hours, minutes, seconds, AM/PM, month, day, Week, temperature, air pressure curve, height curve

Standard
12/24 hours

Perpetual calendar
2004-2099

Weather forecast
4 kinds of weather changes

Step by step model
Accuracy: 1step
Measuring range: 0~999999steps
Calories, distance, exercise time measurement

Alarm mode
Alarm 1 and alarm 2
Please strike the whole time

Stopwatch function
Accuracy: 1/100 seconds
Measuring range: 99 hours, 59 minutes, 59.99 seconds
Measurement mode: cumulative time, 100 laps timer
Click LAP to see the function

Countdown function
Accuracy: 1 second
Measuring range: 99 hours, 59 minutes, 59 seconds
Hint tone

Speed meter
Measuring range: 30BPM to 180BPM
Step by step unit: 5BPM

Daul time
Hours, minutes, seconds, AM, PM

Altimeter model
Accuracy: 1 meters (1 feet)
Measuring range: -706M~9164M
-2316 feet ~30066 feet
Height curve: 24 hour historical height curve

Barometer model
Accuracy: 0.1mb/hpa (0.1inHg)
Measuring range: 300~1100mb/hpa
8.85inHg~32.48inHg
Pressure curve:24 hour historical pressure curve

Compass Mode
Accuracy: 5 degrees
Measuring range: 0 degrees ~360 degrees
Measurements: 16 azimuth and azimuth,
Numerical compass and anti azimuth

Temperature
Accuracy: 0.1 degrees Celsius (0.1 degrees Fahrenheit)
Measuring range: -10~60 degrees (14~140 degrees Fahrenheit)

Pedometer mode
Accuracy: 1step
Measuring range: 0~999999steps
Calories: 0~99999.9 Kcal
Distance: 0 ~ 9999.99 KM (0 to 9999.99 Miles)

Battery
3V lithium battery (CR2032)
Low battery display

Work environment
-20~60° C